Name _____

Fraction Comparison and Equivalence

Topic 10 Standards
3.NF.A.3a, 3.NF.A.3b, 3.NF.A.3c, 3.NF.A.3d, , 3.OA.C.7
See the Student Edition lessons for complete standards.

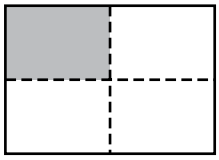
Dear Family,

Your child is continuing to learn about fractions. He or she is using models to find fractions that name the same amount. Such fractions are called equivalent fractions. Your child is using models, number lines, and number sense to compare and order fractions.

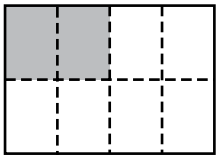
Here is an activity that you and your child can do together.

Equivalent Fractions

Materials paper, pencil or marker



Step 1 Fold one piece of paper into four equal sections. Using a pencil, shade one section. Ask your child to name the fraction of the paper that is shaded. [$\frac{1}{4}$]



Step 2 Refold the paper as before, and then fold it in half another time, which will make 8 equal sections. Ask your child to name the fraction of the paper that is shaded now. [$\frac{2}{8}$]

Step 3 Ask your child to name the fraction of the paper that is NOT shaded. [$\frac{6}{8}$] Have your child name a different fraction that is equal to that amount. [$\frac{3}{4}$]

Observe Your Child

Focus on Mathematical Practice 3:
Construct viable arguments and critique the reasoning of others.

Help your child become proficient with Mathematical Practice 3. Suggest to your child that, for example, by shading 3 of the 8 sections of the paper, you are representing the fraction eight thirds. Ask your child to explain your mistake and how to correct it.

Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved.

Nombre _____

Comparación y equivalencia de fracciones

Estimada familia:

Su niño(a) continúa aprendiendo sobre las fracciones. Él o ella está usando modelos para hallar fracciones que representan la misma cantidad. Estas fracciones se llaman fracciones equivalentes. Él o ella está usando modelos, rectas numéricas y el sentido numérico para comparar y ordenar fracciones.

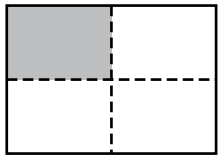
Ésta es una actividad que pueden hacer juntos.

_____

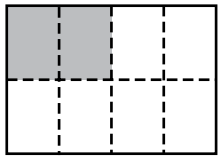
Fracciones equivalentes

Materiales papel, lápiz o marcador

Paso 1 Doble una hoja de papel en cuatro secciones. Sombree una sección usando un lápiz. Pida a su niño(a) que nombre la fracción del papel que está sombreada. [$\frac{1}{4}$]



Paso 2 Vuelva a doblar el papel como antes y luego dóblelo por la mitad otra vez, con lo que se formarán 8 secciones. Pida a su niño(a) que nombre la fracción del papel que ahora está sombreada. [$\frac{2}{8}$]



Paso 3 Pida a su niño(a) que nombre la fracción del papel que NO está sombreada. [$\frac{6}{8}$] Luego, pídale que nombre una fracción diferente que sea igual a esa cantidad. [$\frac{3}{4}$]

Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved. 3